

Benjamin Le Ouay

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,664
citations

687363

13
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

3370
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial activity of silver nanoparticles: A surface science insight. <i>Nano Today</i> , 2015, 10, 339-354.	11.9	1,013
2	Nanostructuration of PEDOT in Porous Coordination Polymers for Tunable Porosity and Conductivity. <i>Journal of the American Chemical Society</i> , 2016, 138, 10088-10091.	13.7	193
3	Enhanced and Optically Switchable Proton Conductivity in a Melting Coordination Polymer Crystal. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4976-4981.	13.8	83
4	Opening of an Accessible Microporosity in an Otherwise Nonporous Metal-Organic Framework by Polymeric Guests. <i>Journal of the American Chemical Society</i> , 2017, 139, 7886-7892.	13.7	65
5	Recognition of Polymer Terminus by Metal-Organic Frameworks Enabling Chromatographic Separation of Polymers. <i>Journal of the American Chemical Society</i> , 2020, 142, 3701-3705.	13.7	50
6	Selective sorting of polymers with different terminal groups using metal-organic frameworks. <i>Nature Communications</i> , 2018, 9, 3635.	12.8	44
7	Core-Shell Silver Nanoparticles in Endodontic Disinfection Solutions Enable Long-Term Antimicrobial Effect on Oral Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34762-34772.	8.0	42
8	Preparation of polythiophene microrods with ordered chain alignment using nanoporous coordination template. <i>Polymer Chemistry</i> , 2017, 8, 5077-5081.	3.9	32
9	Enhanced and Optically Switchable Proton Conductivity in a Melting Coordination Polymer Crystal. <i>Angewandte Chemie</i> , 2017, 129, 5058-5063.	2.0	21
10	Polymer in MOF Nanospace: from Controlled Chain Assembly to New Functional Materials. <i>Israel Journal of Chemistry</i> , 2018, 58, 995-1009.	2.3	18
11	Controlling the Packing of Metal-Organic Layers by Inclusion of Polymer Guests. <i>Journal of the American Chemical Society</i> , 2019, 141, 14549-14553.	13.7	17
12	Freestanding Ultrathin Nanoparticle Membranes Assembled at Transient Liquid-Liquid Interfaces. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600191.	3.7	16
13	Crystalline assembly of metal-organic polyhedra driven by ionic interactions with polyoxometalates. <i>Chemical Communications</i> , 2021, 57, 5187-5190.	4.1	14
14	Coordination Geometry Changes in Amorphous Cyanide-Bridged Metal-Organic Frameworks upon Water Adsorption. <i>Inorganic Chemistry</i> , 2021, 60, 3338-3344.	4.0	14
15	Guest-Tunable Excited States in a Cyanide-Bridged Luminescent Coordination Polymer. <i>Inorganic Chemistry</i> , 2021, 60, 6140-6146.	4.0	12
16	Flexibility Control of Two-Dimensional Coordination Polymers by Crystal Morphology: Water Adsorption and Thermal Expansion. <i>Chemistry - A European Journal</i> , 2021, 27, 18135-18140.	3.3	8
17	Guest-selective and reversible magnetic phase switching in a pseudo-pillared-layer porous magnet. <i>Chemical Communications</i> , 2021, 57, 5211-5214.	4.1	7
18	A Cyanido-bridged Luminescent Coordination Polymer Composed of Janus-type Layers and Its Two-dimensional Negative Thermal Expansion. <i>Chemistry Letters</i> , 2021, 50, 1577-1580.	1.3	7

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19	Node Distortion Modulation for Anisotropic Thermal Expansions of Two-dimensional Coordination Polymers. ChemNanoMat, 2021, 7, 534-538.	2.8	5
20	Terminus-dependent insertion of molten poly(ethylene glycol) into a flexible metal-organic framework. European Polymer Journal, 2020, 134, 109855.	5.4	3